DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD			LLL LLL LLL
DDD DI			iii Iii
DDD DD			LLL
DDD D0			
DDD DC			
DDD DC			LLL
DDD DC			iii
DDD DD			ΙΙΙ
DDD DD			ili
DDD DC			LLL
DDD DC			LLL
DDD DC			rrr
DDD DD			iii
	D CC	, כככככככככככ	
DDDDDDDDDDDD		000000000000000000000000000000000000000	
DDDDDDDDDDDD		000000000000000000000000000000000000000	

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			NN		• • •
LL LL LL LL		\$			
	I I I I I I I I I I	\$\$ \$\$\$\$\$\$ \$\$\$\$\$\$ \$\$ \$\$ \$\$			
		\$\$ \$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$			

VAX-11 Bliss-32 V4.0-742 DISK\$VMSMASTER:[DCL.SRC]CLINT.B32;1

! Common VMS BLISS definitions

! Interface definitions

0094

REQUIRE 'SYS\$LIBRARY:UTILDEF';

1 REQUIRE 'LIBS: INTDEF':

```
C 6
16-Sep-1984 00:32:01
14-Sep-1984 12:14:58
CLISINTERFACE
V04-000
                                                                                                                                                                        VAX-11 Bliss-32 V4.0-742
DISK$VMSMASTER:[DCL.SRC]CLINT.B32;1
                              98
100
101
102
103
104
107
108
109
110
                                        1 ! Table of contents
                                         1 FORWARD ROUTINE
                                                     clispresent,
                                                                                                                              Determine if entity present Get value of entity
                                                     clisget_value,
clisdcl_parse,
clisdispatch,
                                                                                                                              Parse a command line
                                                                                                                           ! Dispatch to user processing routine
                                                      cliSnext_qual;
                                                                                                                           ! Get next qualifier
                                         EXTERNAL ROUTINE

sys$cli,
lib$get_vm,
lib$free_vm,
str$analyze_sdesc,
                                                                                                                           ! CLI callback routine
                                                                                                                           ! Allocate virtual memory
                                                                                                                              Deallocate virtual memory
     112
                                                                                                                           ! Analyze string descriptor ! Copy to any class string
                                                     str$copy_dx;
     114
     115
    116
                                                 External message definitions
     118
                                         1 EXTERNAL LITERAL
                                                    clis_nocomd,
clis_concat,
clis_comma,
clis_present,
clis_negated,
clis_locpres,
clis_locneg,
clis_defaulted,
clis_absent;
     119
                                                                                                                              Prompt was ctrl/z-ed
     120
121
122
123
124
125
126
127
                                                                                                                              Value is concatenated
                                                                                                                              Value is comma separated
                                                                                                                          ! Entity is explicitly globally present ! Entity is explicitly not globally present ! Entity is explicitly locally present ! Entity is explicitly not locally present ! Entity is implicitly present ! Entity is implicitly present ! Entity is implicitly not present
                              0326
```

```
D 6
                                                                                                     16-Sep-1984 00:32:01
14-Sep-1984 12:14:58
CLISINTERFACE
                                                                                                                                           VAX-11 Bliss-32 V4.0-742
V04-000
                                                                                                                                           DISK$VMSMASTER:[DCL.SPC]CLINT.B32:1
                        129
131
133
133
133
133
133
141
141
                                     GLOBAL ROUTINE clispresent (name) =
                                  1 !---
                                  1
                                                   Determine if an entity is present on the command line.
                                         Inputs:
                                                   name = Address of entity name descriptor
                                        Outputs:
                                                  routine value = True if present, else false.
    142
    144
                                     BEGIN
    146
                                     LOCAL
                                            req_desc : BBLOCK [cli$c_reqdesc], ! Request descriptor block rpw : BBLOCK [cli$c_workarea],! Result parse work area req_flags : BITVECTOR [32]; ! Request flags array
    148
                         0347
0348
    149
150
151
152
153
154
155
156
157
                                                                                                     ! Request flags array
                                  2 CH$fILL(0, cli$c_reqdesc, req_desc);
2 req_desc [int_b_type] = cli$k_present;
2 req_desc [int_l_getvm] = lib$qet_vm;
2 req_desc [int_l_freevm] = lib$free_vm;
2 !
                         0349
0350
                                                                                                                    Zero request descriptor block
                                                                                                                    Set request type
                         0351
                                                                                                                  ! Set address of get vm routine ! Set address of free vm routine
                         0352
0353
                                Set entity name
                         0354
                         0355
                                  2 str$analyze_sdesc (.name, req_desc [int_w_entlen], req_desc [int_l_entaddr]);
2 RETURN (SYS$CLI (req_desc, rpw, req_flags)); ! Call_callback utility
    158
                         0356
    159
                         0357
    160
                         0358
                                  1 END:
                                                                                                                     .TITLE CLISINTERFACE
                                                                                                                     .IDENT
                                                                                                                                 \V04-000\
                                                                                                                     .EXTRN SYS$CLI, LIB$GET_VM
.EXTRN LIB$FREE_VM, STR$ANALYZE_SDESC
.EXTRN STR$COPY_DX, CLI$_NOCOMD
.EXTRN CLI$_CONCAT, CLI$_COMMA
.EXTRN CLI$_PRESENT, CLI$_NEGATED
                                                                                                                     .EXTRN CLISTLOCPRES, CLISTLOCNEG
                                                                                                                     .EXTRN CLISTDEFAULTED, CLTS_ABSENT
                                                                                                                     .PSECT $CODE$, NOWRT, 2
                                                                                       003C 00000
                                                                                                                                 CLISPRESENT, Save R2,R3,R4,R5 -160(SP), SP
                                                                                                                                                                                                          0327
                                                                                                                      .ENTRY
                                                                                         9E 00002
2C 00007
                                                                        FF60
                                                                                                                     MOVAB
                 10
                                       00
                                                              6Ē
                                                                                    00
                                                                                                                     MOVC5
                                                                                                                                 #0, (SP), #0, #28, REQ_DESC
                                                                                                                                                                                                          0349
                                                                                   AD
8F
                                                                            E4
50
                                                                                               0000C
                                                                                          90 0000E
9E 00013
                                                                                                                                 #80, REQ_DESC
LIB$GET_VM, REQ_DESC+16
LIB$FREE_VM, REQ_DESC+20
REQ_DESC+12
                                                     E4
F4
F8
                                                                                                                                                                                                          0350
                                                              AD
                                                                                                                     MOVB
                                                                                   00
                                                              AD
                                                                  0000000G
                                                                                                                                                                                                          0351
                                                                                                                     MOVAB
                                                                                         9E 0001B
9F 00023
9F 00026
                                                                  00000000
                                                                                                                                                                                                           0352
                                                                                                                     MOVAB
                                                                                    AD
                                                                                                                     PUSHAB
                                                                            FO.
                                                                                                                                                                                                          0356
                                                                                                                                 REQ_DESC+8
                                                                            EC
04
                                                                                                                     PUSHAB
                                                                                    AD
                                                                                          DD
                                                                                              00029
                                                                                                                     PUSHL
                                                                                                                                  NAME
```

 CLISINTERFACE VO4-000						E 6 16-Sep-19 14-Sep-19	984 00:32 984 12:14	:01 :58	VAX-11 Bliss-32 V4.0-742 Pag DISK\$VMSMASTER:[DCL.SRC]CLINT.B32;1	ge 5 (3)
0	0000000G	00	0.0	03 5E	FB 000 DD 000	2C 33	CALLS PUSHL PUSHAB	SP	STR\$ANALYZE_SDESC	0357
0	0000000G	00	08 E4	AE AD 03	FB 000 9F 000 9F 000 FB 000 04 000	55 58 58 42	PUSHAB PUSHAB CALLS RET	RPW REQ #3,	DESC SYS <b>\$</b> CLI	0358

; Routine Size: 67 bytes, Routine Base: \$CODE\$ + 0000

```
6
CLISINTERFACE
                                                                                 16-Sep-1984 00:32:01
14-Sep-1984 12:14:58
                                                                                                                VAX-11 Bliss-32 V4.0-742
VÕ4-000
                                                                                                                DISKSVMSMASTER:[DCL.SRC]CLINT.B32:1
   162
163
                   GLOBAL ROUTINE clisget_value (name, retdesc, retlength) =
   164
   165
   166
                                        This routine is called to obtain the next value
   167
                                        associated with a named entity on the command line.
   168
   Inputs:
                                        name = Address of entity name descriptor
                                        retdesc = Address of a return buffer descriptor
                                        retlength = Address of a longword to return the value
                                                        length in
                                 Outputs:
                                        True = A value was returned (there may be more).
                                        false = There is no more values associated with entity.
                                        All other errors are signaled.
                            1 !---
                              BEGIN
                              MAP
                                   retdesc : REF BBLOCK:
                              BUILTIN
                                   NULLPARAMETER:
                                  req_desc : BBLOCK [cli$c_reqdesc], ! Request descriptor block
rpw : BBLOCK [cli$c_workarea],! Result parse work area
req_flags : BITVECTOR [32], ! Request flags area
status;
                              LOCAL
                           2 CH$f1LL(0, cli$c_reqdesc, req_desc);
2 req_desc [int_b_type] = cli$k_getvalue;
2 req_desc [int_l_getvm] = lib$get_vm;
2 req_desc [int_l_freevm] = lib$free_vm;
                                                                                            ! Zero request descriptor block
                    0396
0397
0398
0399
                                                                                              Set request type
                                                                                            ! Set address of get vm routine ! Set address of free vm routine
                    0400
0401
0402
0403
0404
0405
0406
0407
0408
                                Set entity name
                              str$analyze_sdesc (.name, req_desc [int_w_entlen], req_desc [int_l_entaddr]);
                                                                                         ! Call DCL utility
                              status = syš$cli (req_desc, rpw, req_flags);
                                 If return length was requested, then find it now.
                              IF NOT NULLPARAMETER (3)
                    0409
                                                                                              If return length requested
                    0410
0411
0412
0413
                                  THEN (.retlength) <0.16> =
                                                                                              then original estimate
                                                   .req_desc [int_w_retlen];
                              str$copy_dx (.retdesc, req_desc[int_w_retlen]); ! Copy result into return desc
                    0414
                            2 IF NOT NULLPARAMETER (3)
                                                                                            ! If return length requested
```

\$INTERFACE -000 219 220 221 222 223 224 225 226 227 228	0416 0417 0418 0419 0421 0421 0423 0425	ううううううこととして REN REN	END; TURN .status		p : BBLOCK ze_sdesc (. emp [dsc\$w_ LSSU .retdē .retlength)	[dscretc] lencescol	\$c_ desc th] dsc, 16>	1		984 00:32 984 12:14 ! Then re ! Get lat pointer] ! Return	eturn c	VAX-11 Bliss-32 V4.0-742 PDISK\$VMSMASTER:[DCL.SRC]CLINT.B32;1 orrect value timate aller estimate	age 7 (4)
10		0		56 5E 6E	FF58 E4	00 CE 00 <b>A</b> D	007C 9E 9E 2C	00000 00002 00009 0000E 00013		.ENTRY MOVAB MOVAB MOVC5	<b>#</b> 0, (	ET_VALUE, Save R2,R3,R4,R5,R6 NALYZE_SDESC, R6 SP), SP SP), #0, #28, REQ_DESC	0359
			E4 F4 F8	AD AD AD	000000006 000000006 F0 EC 04	8F 00 AD AC 03	90 9E 9F 9F DD FB	00013 00015 0001A 00022 0002A 0002D 00030 00033		MOVB MOVAB MOVAB PUSHAB PUSHAB PUSHL CALLS	NAME	REQ_DESC ET_VM, REQ_DESC+16 REE_VM, REQ_DESC+20 ESC+12 ESC+8 TR\$ANALYZE_SDESC	0396 0397 0398 0403
			00000070G	00 52 03	10 E4	0E0DF00DDC3EED30CA	DD 9F 9F FB 091 1F	0004B		PUSHL PUSHAB PUSHAB CALLS MOVL CMPB BLSSU	SP RPW REQ_D #3, S RO, S (AP),	ESC YS\$CLI TATUS #3	0404
			0c 000000006	BC 00 03	0 C E C E C 0 8	AC 05 AD AC 02 6C 1F	03 13 80 9F 0D FB	0004D 00050 00052 00057 0005A 0005D	15:	TSTL BEQL MOVW PUSHAB PUSHL CALLS	12(AP 1\$ REQ_D REQ_D RETDE #2, S	ESC+8, @RETLENGTH ESC+8 SC TR\$COPY_DX	0411 0413
				03	0 C 0 8 0 8 0 8	AC 1A	91 1F D5 13 9F	00050 00057 0005A 0005D 00064 00067 00066 00071 00074 00077 00078		CMPB BLSSU TSTL BEGL PUSHAB PUSHAR	2\$ 12(AP 2\$ TEMP+	#3 ) 4	0415
04 AE	08	3 B	c 0c	66 10 BC 50		AE AC 03 00 AE 52	DD FB ED 18 BO 04	00088		PUSHL CALLS CMPZV BLEQU MOVW MOVL RET	2\$	SC TR\$ANALYZE_SDESC 16, aretdesc, temp aretlength S, ro	0420 0421 0424 0425

; Routine Size: 140 bytes, Routine Base: \$CODE\$ + 0043

```
0426
0427
0428
0429
0430
GLOBAL ROUTINE cli$dcl_parse (command, tables, promptrtn, continrtn, prompt) =
                                     This routine can be called to parse a command line.
                 0431
                 0432
0433
                              Inputs:
                 0434
                                     command = address of descriptor of command string
tables = address of command tables
                 0435
                 0436
                                     promptrtn = address of user missing parameter prompt routine
                 0437
                                     continctn = address of user line continuation routine
                 0438
                                     prompt = address of user prompt string descriptor
                 0439
                 0440
                             Outputs:
                 0441
                 0442
                                     The command is parsed and the command work area is initialized.
                 0444
                 0445
                 0446
                        2 BEGIN
                 0447
                 0448
                          BUILTIN
                 0449
                                NULLPARAMETER:
                 0450
                 0451
                          LITERAL
                 0452
                                elements = 4:
                 0454
                          LOCAL
                                command_desc : BBLOCK [dsc$c_s_bln],
rtnlist : BBLOCK [4*(elements+1)],
req_desc : BBLOCK [cli$c_reqdesc],
rpw : BBLOCK [cli$c_workarea],
req_flags : BITVECTOR [32];
                 0455
0456
0457
                                                                                           Local command descriptor
                                                                                           Routine list
                                                                                           Request descriptor block
                 0458
                                                                                           Result parse work area
                 0459
                                                                                           Request flags array
                 0460
                         CH$FILL(0, cli$c_reqdesc, req_desc);
req_desc [int_b_type] = cli$k_dclparse;
req_desc [int_l_getvm] = lib$get_vm;
req_desc [int_l_freevm] = lib$free_vm;
                 0461
                                                                                           Zero request descriptor block
                 0462
                                                                                           Set request type
                 0463
                                                                                         ! Set address of get vm routine ! Set address of free vm routine
                 0464
                 0465
                 0466
                          IF NOT NULLPARAMETER(1)
                                                                                         ! Set command line descriptor
                 0467
                               THEN BEGIN
                 0468
                                     0469
0470
                                     req_desc [int_l_entaddr] = command_desc;
                 0471
0472
                                     END:
                 0473
                          req_desc [int_l_tables] = .tables;
                                                                                         ! Set address of command tables
                 0474
                 0475
                           IF NOT NULLPARAMETER(3) OR NOT NULLPARAMETER(4) ! If prompt or continue routine
                 0476
                               THEN BEGIN
                                     CH$FILL(0, 4*(elements+1), rtnlist);
rtnlist [int | listlen] = elements;
req_desc [int [ list] = rtnlist;
                 0477
                                                                                           Zero the list
                 0478
                                                                                           Set number of elements in list
                 0479
                                                                                         ! And connect it
                 0480
                                     END:
                 0481
                        2 IF NOT NULLPARAMETER (3)
                 0482
```

1 F

11

14

0008E

D5 00090

BLSSU

TSTL

75

20(AP)

CLISINTERFACE VO4-000		J 6 16-Sep-1984 00:32:01	10 (5)
	66 00000000 00	14 AC DD 0009B PUSHL PROMPT 03 FB 0009E CALLS #3, STR\$ANALYZE_SDESC 5E DD 000A1 7\$: PUSHL SP 08 AE 9F 000A3 PUSHAB RPW C8 AD 9F 000A6 PUSHAB REQ_DESC 03 FB 000A9 CALLS #3, SYS\$CLI	0488 0487 0490
; Routine Size:	177 bytes, Routine Base:	\$CODE\$ + OOCF	

```
16-Sep-1984 00:32:01
14-Sep-1984 12:14:58
CLISINTERFACE
                                                                                                                                              VAX-11 Bliss-32 V4.0-742
DISK$VMSMASTER:[DCL.SRC]CLINT.B32;1
V04-000
    297
298
299
300
                         0492
0493
                                      GLOBAL ROUTINE clisdispatch (argument) =
                          0494
                          0495
    0496
                                                   This routine can be called to dispatch to any verb processing routines if the command has the ROUTINE attribute.
                          0497
                          0498
                          0499
                                         Inputs:
                          0500
                         0501
                                                   argument = address of user supplied argument to his own routine
                         0502
0503
                                         Outputs:
                          0504
                         0505
                                                   The verb routine is called (if any).
                         0506
                         0507
                                                   The status passed back from the routine is returned in RO. If no routine is specified, success is returned.
                         0508
                         0509
                         0510
                         0511
                                      BEGIN
                         0512
0513
                                      BUILTIN
                         0514
0515
                                            NULLPARAMETER:
                         0516
                                      LOCAL
                                            req_desc : BBLOCK [cli$c_reqdesc], ! Request descriptor block
rpw : BBLOCK [cli$c_workarea],! Result parse work area
req_flags : BITVECTOR [32]; ! Request flags array
                         0517
                         0518
                         0519
                         0520
                                     CH$fILL(0, cli$c_reqdesc, req_desc);
req_desc [int_b_type] = cli$k_dispatch;
req_desc [int_l_getvm] = lib$free_vm;
req_desc [int_l_freevm] = lib$free_vm;
If NOT NULLPARAMETER (1)
                         0521
                                                                                                                    ! Zero request descriptor block
                         0523
0523
0524
0525
0526
                                                                                                                       Set request type
                                                                                                                    ! Set address of get vm routine ! Set address of free vm routine
                                      THEN req_desc [int l_entaddr] = .argument;
RETURN (SYSSCLI (req_des_, rpw, req_flags));
                                                                                                                    ! Set address of user argument
                                                                                                                    ! Call callback utility
                                   1 END:
                                                                                        003C 00000
9E 00002
2C 00007
                                                                                                                        .ENTRY
                                                                                                                                    CLISDISPATCH, Save R2,R3,R4,R5
                                                                                                                                                                                                              0492
                                                                                                                                    -160(SP), SP
#0, (SP), #0, #28, REQ_DESC
                                                                          FF60
                                                                                                                       MOVAB
                 10
                                        00
                                                               6E
                                                                                     00
                                                                                                                       MOVC5
                                                                                                                                                                                                              0521
                                                                                     AD
                                                                                                 0000C
                                                                                                                                                                                                              0522
0523
0524
0525
                                                                                                                                   #84, REQ_DESC
LIB$GET_VM, REQ_DESC+16
LIB$FREE_VM, REQ_DESC+20
                                                                                     8F
                                                                                           0000E
00013
                                                               AD
                                                                                                                       MOVB
                                                                   00000000
                                                                                     00
00
60
                                                               AD
                                                                                                                       MOVAB
                                                                                                0001B
00023
00025
00027
0002A
                                                                   0000000G
                                                               AD
                                                                                                                       MOVAB
                                                                                                                       TSTB
                                                                                                                                    (AP)
                                                                                     0A
                                                                                                                       BEQL
                                                                                                                                    15
                                                                             04
                                                                                     AC
05
                                                                                                                                    4(AP)
                                                                                                                       TSTL
                                                                                                                       BEQL
                                                                                                0002C
00031 1$:
00033
00036
                                                                                     ĂĈ
5E
                                                                                                                                                                                                              0526
0527
                                                      FO.
                                                                             04
                                                                                                                                    ARGUMENT, REQ_DESC+12
                                                               AD
                                                                                                                       MOVL
                                                                                           DD
9F
9F
                                                                                                                       PUSHL
                                                                             80
                                                                                                                                    RPW
                                                                                     ΑĒ
                                                                                                                       PUSHAB
                                                                             E4
                                                                                     AD
                                                                                                                       PUSHAB
                                                                                                                                    REQ_DESC
```

CLISINTERFACE V04-000 L 6 16-Sep-1984 00:32:01 14-Sep-1984 12:14:58

VAX-11 Bliss-32 V4.0-742 Page 12 DISK\$VMSMASTER:[DCL.SRC]CLINT.B32;1 (6)

0000000G 00

03 FB 00039 04 00040 CALLS #3, SYS\$CLI

: 0528

; Routine Size: 65 bytes, Routine Base: \$CODE\$ + 0180

```
16-Sep-1984 00:32:01
14-Sep-1984 12:14:58
CLISINTERFACE
                                                                                                                                 VAX-11 Bliss-32 V4.0-742
DISK$VMSMASTER:[DCL.SRC]CLINT.B32;1
V04-000
   GLOBAL ROUTINE cli$next qual (name) =
                                               Move to the next command qualifier on the line.
                                     Inputs:
                                              name = Address of entity name descriptor
                                     Outputs:
                                              routine value = True if present, else false.
                       0544
                                   BEGIN
                       0546
0547
                                   MAP
                                        name : REF BBLOCK:
                       0548
                       0549
                                   LOCAL
                                                          BBLOCK [cli%c_reqdesc], ! Request descriptor block BBLOCK [cli%c_workarea],! Result parse work area BITVECTOR [32]; ! Request flags array
                       0550
                                         req_desc :
                       0551
                                         req_flags : BITVECTOR [32];
                               CHSF
req_
req_
req_
Services
StrSi
RETUI
                                  CH$fILL(0, cli$c_reqdesc, req_desc);
req_desc [int_b_type] = cli$k_nextqual;
req_desc [int_l_getvm] = lib$get_vm;
req_desc [int_l_freevm] = lib$free_vm;
                                                                                                            Zero request descriptor block
                       0555
                                                                                                            Set request type
                                                                                                          ! Set address of get vm routine ! Set address of free vm routine
                       0558
                       0559
                                     Set entity name
                       0560
                       0561
                                  str$analyze_sdesc (.name, req_desc [int_w_entlen], req_desc [int_l_entaddr]);
RETURN (sys$cli (req_desc, rpw, req_flags)); ! Call DCL utility
                      0562
0563
                                                                                003C 00000
                                                                                                             ENTRY
                                                                                                                                                                                            0529
                                                                                                                        CLISNEXT_QUAL, Save R2,R3,R4,R5
                                                                                                                        -160(SP), SP
#0, (SP), #0, #28, REQ_DESC
                                                                                   9E 00002
                                                                   FF60
                                                                                                            MOVAB
                                                                                   20 00007
               10
                                    00
                                                                              ÕÕ
                                                         6E
                                                                                                            MOVC5
                                                                                                                                                                                            0554
                                                                                        0000C
                                                                              AD
                                                                                                                        #85, REQ_DESC
LIB$GET_VM, REQ_DESC+16
LIB$FREE_VM, REQ_DESC+20
REQ_DESC#12
                                                 E4
F4
F8
                                                                              8F
                                                                                   90
                                                                                                                                                                                            0555
0556
                                                         AD
                                                                                        0000E
                                                                                                            MOVB
                                                             0000000G
                                                                                   9Ě
                                                                                                            MOVAB
                                                         AD
                                                                             00
                                                                                        00013
                                                                             ŎŎ
                                                                                   9Ĕ
                                                         AD
                                                             0000000G
                                                                                       0001B
                                                                                                            MOVAB
                                                                                                                                                                                            0557
                                                                                                            PUSHAB
PUSHAB
PUSHL
                                                                                   9F 00023
                                                                              AD
                                                                      FO.
                                                                                                                                                                                            0561
                                                                                   9F 00026
                                                                      EC
04
                                                                              AD
                                                                                                                        REQ_DESC+8
                                                                              AC
                                                                                   DD 00029
                                                                                                                        NAME
                                                                             O3
SE
AE
                                                                                   fΒ
                                         0000000G
                                                                                        00020
                                                                                                            CALLS
                                                                                                                        #3, STR$ANALYZE_SDESC
                                                                                        00033
                                                                                   DD
                                                                                                            PUSHL
                                                                                                                                                                                            0562
                                                                                                            PUSHAB
PUSHAB
                                                                                   9F
                                                                                        00035
                                                                                                                        RPW
                                                                                   9F 00038
                                                                             AD
03
                                                                                                                        REQ_DESC
                                                                                   FB
                                         0000000G 00
                                                                                                            CALLS
                                                                                                                        #3, SYSSCLI
                                                                                        00042
                                                                                                                                                                                            0563
                                                                                                            RET
```

N 6 16-Sep-1984 00:32:01 VAX-11 Bliss-32 V4.0-742 Page 14 14-Sep-1984 12:14:58 DISK\$VMSMASTER:[DCL.SRC]CLINT.B32:1 (7) CLISINTERFACE V04-000 ; Routine Size: 67 bytes. Routine Base: \$CODE\$ + 01C1

16-Sep-1984 00:32:01 14-Sep-1984 12:14:58 **CLISINTERFACE** VAX-11 Bliss-32 V4.0-742 Page 15 DISK\$VMSMASTER:[DCL.SRC]CLINT.B32;1 (8) V04-000 371 372 0564 1 END 0565 0 ELUDOM PSECT SUMMARY Name Bytes Attributes **SCODES** 516 NOVEC, NOWRT, RD, EXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2) Library Statistics Total Loaded Percent Pages Processing File Mapped Time \_\$255\$DUA28:[SYSLIB]STARLET.L32:1 9776 15 581 00:01.0 COMMAND QUALIFIERS BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LISS:CLINT/OBJ=OBJ\$:CLINT MSRC\$:CLINT/UPDATE=(ENH\$:CLINT) 516 code + 0 data bytes 00:10.2 00:40.1 3317 Size: Run Time: Elapsed Time: Lines/CPU Min: : Lexemes/CPU-Min: 20213 : Memory Used: 93 pages : Compilation Complete

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